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Notice of Allowability

Application No.

09/683,338

Applicant(s)

YAGER ET AL.

Examiner

Kambiz Zand

Art Unit

2132

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/14/2004.
2. ☒ The allowed claim(s) is/are 1-11, 13-17 and 19-20, now, re-numbered as claims 1-18.
3. ☒ The drawings filed on 12/14/2004 (fig.4) & 12/16/2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>enclosed</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

Kambiz Zand
~~WZ~~ 04/27/05

DETAILED ACTION
EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. David F. Yager on 04/27/2005.

The application has been amended as follows:

Claim 1

(Currently amended) A system for access control comprising:

a database, said database including, a user interface having means to generate key codes and add user codes whereby issuing a security code with user defined parameters, a control device [having:] comprising:

[independent and isolated operation from said database, the control device further including] an input device for entering security codes;

a multitude of key codes stored in a memory equivalent to key codes generated by said database and,

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a controller with programming having means to compare key codes inputted, to key codes in the memory and, when equal, interpret said user code whereby performing a required output relative to said user code parameters[.];

wherein said database and the control device are not electrically connected and, have security code activities that are synchronized, and wherein said database and the control device operate independently; and

the control device further including a software program having means to limit said key codes in the memory available for comparison to inputted security codes from a total key codes in the memory.

Claim 2

(Currently amended) The system as set forth in claim 1, wherein said user codes are defined by user input via [a]said user interface.

Claim 4

(Currently amended) The system as set forth in claim 1, wherein [the]said database may reside on a computing device selected from a group consisting of a personal computer, a handheld computing device, or a server.

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Claim 11

(Currently amended) The system as set forth in claim 10, the software program further including an algorithm having means to regenerate key codes to new key codes equal to newly regenerated key codes in [the]said database.

Claim 12

Cancelled.

Claim 13

(Currently amended) The system as set forth in claim 1, the [access] control device further including a software program having means to recognize valid security codes inputted when said security codes are inputted in a different sequential order than issued from [the]said database.

Claim 14

(Currently amended) The system as set forth in claim 1, the [access] control device further including a software program having means to interpret the user defined parameters of the inputted user code and perform a function relative to the user code parameters.

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Claim 15

(Currently amended) A method for access control comprising:

utilizing a computer program and a database having a user interface to generate [obtain a unique] key codes, storing the key codes, add a user code comprised of user defined parameters and provide [the] a [resulting] security code to an access control user, said access control user inputs the security code into a[n] [access] control device via an input device, said [access] control device having key codes stored in a memory equivalent to said key codes stored on the database, said [access] control device further including a software program having means to limit [the amount of] key codes in the memory available for comparison to inputted security codes from [the] a total [amount of] key codes in the memory, said [access] control device compares inputted key codes to those in the memory and if valid, interprets the user code [portion] of the security code to perform a required output, wherein the database and said control device are not electrically connected and have security code activities that are synchronized, wherein the database and said control device operate independently.

Claim 18

Cancelled.

Claim 19

[18]19. The method as set forth in claim 15, [the] said [access] control device further including a software program and algorithm having means to archive used security

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codes and regenerate key codes to new key codes equal to newly regenerated key codes in the database.

Claim 20

[19]20. The method as set forth in claim 15, [the]said [access] control device further including a software program having means to recognize valid security codes inputted when said security codes are inputted in a different sequential order than issued from the database.

2. The text of those sections of Title 35, U.S. Code not included in this section can be found in the prior office action.
3. The prior office actions are incorporated herein by reference. In particular, the observations with respect to claim language, and response to previously presented arguments.
4. Examiner withdraws objection to the drawings and specification due to correction by the applicant.
5. Examiner withdraws objection of claims 2, 3, 5 and 14 due to correction by the applicant.

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6. Examiner withdraws rejection of claims 1-14 under 35 U.S.C 112-second paragraphs due to correction by the applicant.
7. Claims 12 and 18 have been cancelled.
8. Claims 1, 2, 4, 11, 13-15, 19 and 20 have been amended.
9. Claims 1-11, 13-17 and 19-20, now re-numbered as claims 1-18 are pending.

Response to Arguments

10. Applicant's arguments filed 12/14/2004 have been fully considered and they are persuasive.

Allowable Subject Matter

11. **Claims 1-11, 13-17 and 19-20** are allowed.

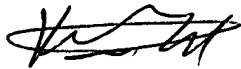
Conclusion

12. Any comments considered necessary by the applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "comments on statement of reasons for allowance."

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kambiz Zand whose telephone number is (571) 272-3811. The examiner can normally be reached on Monday-Thursday (8:00-5:00). If attempts

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to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (571) 272-3799. The fax phone numbers for the organization where this application or proceeding is assigned as (703) 872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kambiz Zand

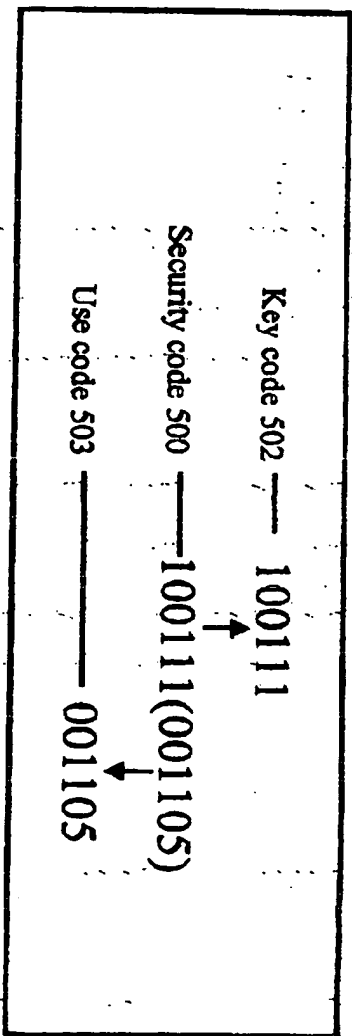
04/27/2005

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approved
04/27/05



Fig. 4.



100111(001105)
400151()
900812(001100)
040111()
Security Code 500
Control device 20

100111(001105)
400151(724822)
900812(001100)
040111()
Security Code 500
Database 430